V Series Power & Line Voltage Select Slide Switches

Features/Benefits

- Ratings up to 10 AMPS
- Snap-in panel and PC mounting
- Actuators with screwdriver slot
- Quick connect terminals available
- RoHS compliant



Typical Applications

Appliances



Specifications

CONTACT RATING: 10 GPA @ 125 V AC 50/60 Hz T85; 5 GPA @ 250 V AC 50/60 Hz T85; 2 (0.5)A @ 250 VAC 50/60 Hz T85; 4RA @ 30 VDC T85

ELECTRICAL LIFE: 10,000 make-and-break cycles at full load. CONTACT RESISTANCE: Below 10 m Ω typ. initial

@ 2-4 V DC, 100 mA.

INSULATION RESISTANCE: $10^9 \Omega$ min.

DIELECTRIC STRENGTH: 1,000 Vrms min. @ sea level.

OPERATING TEMPERATURE: -30°C to +85°C.

Materials

HOUSING: 6/6 nylon (UL94V-2), black. TOP PLATE: 6/6 nylon (UL94V-2), black.

ACTUATOR: Glass filled polyester (UL94V-0), '01 and 02' styles, black (standard); '12, 13 and 14' styles, red (standard).

CONTACTS: Copper, silver plated. TERMINALS: Copper, silver plated.

CONTACT SPRING: Music wire or stainless steel.

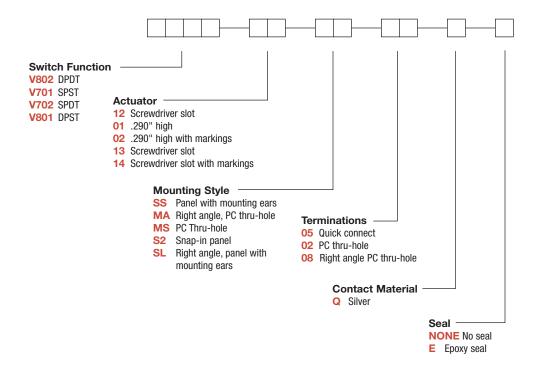
TERMINAL SEAL: Epoxy.

NOTE: Any models supplied with Q, B or G contact material are RoHS compliant.

NOTE: Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.

Build-A-Switch

To order, simply select desired option from each category and place in the appropriate box. Available options are shown and described on pages I–34 through I–36. For additional options not shown in catalog, consult Customer Service Center.





Dimensions are shown: Inches (mm) Specifications and dimensions subject to change

Power & Line Voltage Select Slide Switches

SWITCH FUNCTION

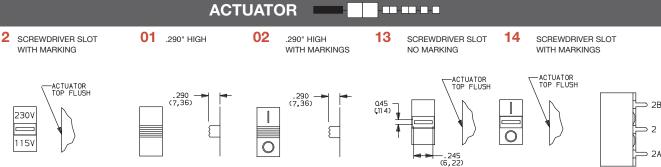
NO. POLES	MODEL NO.	SWITCH FUNCTION	SCHEMATIC	AVAILABLE MOUNTING STYLES
SP	V701	SPST	1A 1	ALL
	V702	SPDT	1A 1 1B	ALL

NO. POLES MODEL SWITCH MOUNTING FUNCTION SCHEMATIC STYLES V801 DPST ALL DP 1B 4 V802 DPDT ALL



with all options.

Contacts make on side actuator thrown.



Actuator color is red with white 115V-230V markings (std.).

Actuator color is black.

markings are reversed on V702 and V802 models. Actuator color is black with white markings (std.). Actuator color is red.

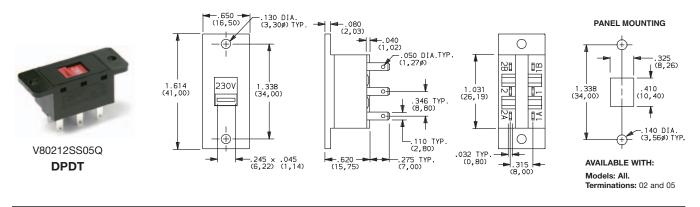
Markings are reversed on

V702 and V802 models. white markings (std.).

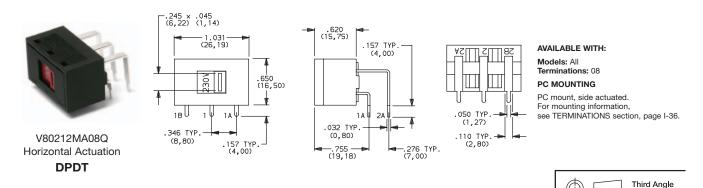
Note: Orientation of Actuator color is red with actuator markings and terminals.

MOUNTING STYLE

PANEL WITH MOUNTING EARS



RIGHT ANGLE, PC THRU-HOLE





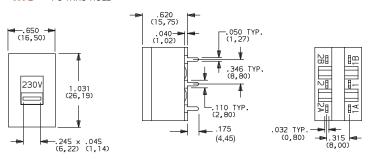
Dimensions are shown: Inch (mm) Specifications and dimensions subject to change

Projection

V Series Power & Line Voltage Select Slide Switches

MOUNTING STYLE ------

MS PC THRU-HOLE



AVAILABLE WITH:

All models with 02 terminations

PC MOUNTING

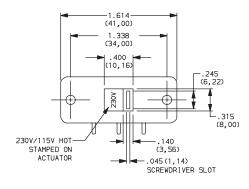
PC mount, top actuated. For mounting information, see TERMINATIONS section, page I-36.



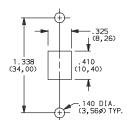
V80212MS02Q

DPDT

SL RIGHT ANGLE PANEL WITH MOUNTING EARS





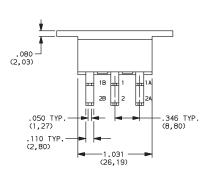


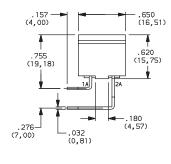
AVAILABLE WITH:

All models with 08 terminations

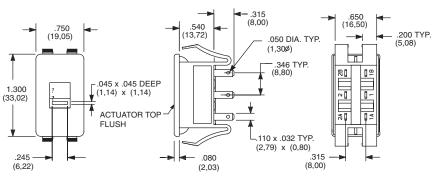


V80213SL08Q Horizontal Actuation **DPDT**

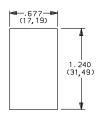




S2 SNAP-IN PANEL MOUNT



PANEL MOUNTING



Panel thickness: .020-.200 THK.

(0,50)(5,08)

AVAILABLE WITH:

All models with 02 & 05 terminations



V80212S205Q

DPDT



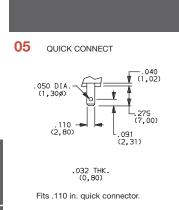
Third Angle Projection

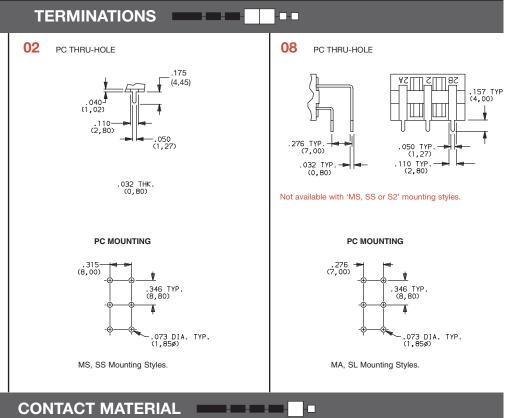
Dimensions are shown: Inches (mm) Specifications and dimensions subject to change



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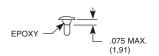


OPTION CODE	CONTACT MATERIAL	RATINGS		
Q	SILVER ¹	POWER	10 GPA @ 125 V AC 50/60 Hz T85; 5 GPA @ 250 V AC 50/60 Hz T85; 2 (0.5)A @ 250 VAC 50/60 Hz T85; 4RA @ 30 VDC T85	

^{*} Note: See Technical Data section of this catalog for RoHS compliant and compatible definitions and specifications.

NOTE: Any models supplied with Q contact material are RoHS compliant.







Third Angle Projection

¹ CONTACTS & TERMINALS: Copper, silver plated (standard with all termination options).